

Ping Zhao

List of Publications by Year in descending order

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57
papers

1,335
citations

279798

23
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377865

34
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docs citations

57
times ranked

1858
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#	ARTICLE	IF	CITATIONS
1	The Consequences of Overlapping G-Quadruplexes and i-Motifs in the Platelet-Derived Growth Factor Receptor β^2 Core Promoter Nuclease Hypersensitive Element Can Explain the Unexpected Effects of Mutations and Provide Opportunities for Selective Targeting of Both Structures by Small Molecules To Downregulate Gene Expression. <i>Journal of the American Chemical Society</i> , 2017, 139, 7456-7475.	13.7	77
2	Synthesis and characterization of unsymmetrical oxidovanadium complexes: DNA-binding, cleavage studies and antitumor activities. <i>Journal of Inorganic Biochemistry</i> , 2012, 112, 39-48.	3.5	62
3	High-Mobility Group Box 1 Mediates Epithelial-to-Mesenchymal Transition in Pulmonary Fibrosis Involving Transforming Growth Factor- β^1 /Smad2/3 Signaling. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 354, 302-309.	2.5	60
4	Total extract of Yupingfeng attenuates bleomycin-induced pulmonary fibrosis in rats. <i>Phytomedicine</i> , 2015, 22, 111-119.	5.3	51
5	Silymarin Ameliorates Metabolic Dysfunction Associated with Diet-Induced Obesity via Activation of Farnesyl X Receptor. <i>Frontiers in Pharmacology</i> , 2016, 7, 345.	3.5	49
6	Antidiabetic effects of flavonoids from <i>Sophora flavescens</i> EtOAc extract in type 2 diabetic KK-ay mice. <i>Journal of Ethnopharmacology</i> , 2015, 171, 161-170.	4.1	48
7	Tricationic pyridium porphyrins appending different peripheral substituents: Experimental and DFT studies on their interactions with DNA. <i>Biophysical Chemistry</i> , 2008, 135, 102-109.	2.8	47
8	Effects of Ethanol Dose and Ethanol Withdrawal on Rat Liver Mitochondrial Glutathione: Implication of Potentiated Acetaminophen Toxicity in Alcoholics. <i>Drug Metabolism and Disposition</i> , 2002, 30, 1413-1417.	3.3	46
9	DNA binding and photocleavage properties of a novel cationic porphyrin-anthraquinone hybrid. <i>Biophysical Chemistry</i> , 2008, 134, 72-83.	2.8	44
10	Ultrasound-Excited Protoporphyrin IX-Modified Multifunctional Nanoparticles as a Strong Inhibitor of Tau Phosphorylation and β^2 -Amyloid Aggregation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 32965-32980.	8.0	44
11	DNA binding and photocleavage specificities of a group of tricationic metalloporphyrins. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 1108-1114.	3.9	43
12	DNA-binding and photocleavage properties of cationic porphyrin-anthraquinone hybrids with different lengths of links. <i>Bioorganic Chemistry</i> , 2008, 36, 278-287.	4.1	42
13	Betulinic acid alleviates endoplasmic reticulum stress-mediated nonalcoholic fatty liver disease through activation of farnesoid X receptors in mice. <i>British Journal of Pharmacology</i> , 2019, 176, 847-863.	5.4	42
14	Total Glucosides of Danggui Buxue Tang Attenuate BLM-Induced Pulmonary Fibrosis via Regulating Oxidative Stress by Inhibiting NOX4. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-10.	4.0	40
15	Design, synthesis and biological evaluation of N-alkyl or aryl substituted isoindigo derivatives as potential dual cyclin-dependent kinase 2 (CDK2)/glycogen synthase kinase β^2 (GSK- β^2) phosphorylation inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 86, 165-174.	5.5	39
16	Chemical constituents from <i>Eucalyptus citriodora</i> Hook leaves and their glucose transporter 4 translocation activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3096-3099.	2.2	35
17	Experimental and DFT studies on DNA binding and photocleavage of two cationic porphyrins. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 71, 1216-1223.	3.9	33
18	Silica-metalloporphyrins hybrid materials: preparation and catalysis to hydroxylate cyclohexane with molecular oxygen. <i>Journal of Sol-Gel Science and Technology</i> , 2009, 50, 430-436.	2.4	33

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19	Magnetic Polymer Nanospheres Immobilizing Metalloporphyrins. Catalysis and Reuse to Hydroxylate Cyclohexane with Molecular Oxygen. <i>Catalysis Letters</i> , 2009, 127, 411-418.	2.6	31
20	Inositol-requiring protein 1 α -X-box-binding protein 1 pathway promotes epithelial \rightarrow mesenchymal transition via mediating snail expression in pulmonary fibrosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 65, 230-238.	2.8	28
21	Scavenging of Labile Heme by Hemopexin Is a Key Checkpoint in Cancer Growth and Metastases. <i>Cell Reports</i> , 2020, 32, 108181.	6.4	27
22	Total glycosides of Yupingfeng protects against bleomycin-induced pulmonary fibrosis in rats associated with reduced high mobility group box 1 activation and epithelial \rightarrow mesenchymal transition. <i>Inflammation Research</i> , 2015, 64, 953-961.	4.0	26
23	Aptamer-assisted superparamagnetic iron oxide nanoparticles as multifunctional drug delivery platform for chemo-photodynamic combination therapy. <i>Journal of Materials Science: Materials in Medicine</i> , 2019, 30, 76.	3.6	26
24	DNA binding, antitumor activities, and hydroxyl radical scavenging properties of novel oxovanadium(IV) complexes with substituted isoniazid. <i>Journal of Biological Inorganic Chemistry</i> , 2013, 18, 975-984.	2.6	24
25	Synthesis, G-quadruplex DNA binding, and photocytotoxicity of novel cationic expanded porphyrins. <i>Bioorganic Chemistry</i> , 2015, 60, 110-117.	4.1	22
26	Cationic porphyrin \rightarrow anthraquinone dyads: Modes of interaction with G-quadruplex DNA. <i>Dyes and Pigments</i> , 2009, 83, 81-87.	3.7	20
27	G-quadruplex DNA interactions, docking and cell photocytotoxicity research of porphyrin dyes. <i>Dyes and Pigments</i> , 2016, 128, 41-48.	3.7	20
28	Novel porphyrin \rightarrow daunomycin hybrids: Synthesis and preferential binding to G-quadruplexes over i-motif. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 227-235.	3.9	18
29	Daunomycin-loaded superparamagnetic iron oxide nanoparticles: Preparation, magnetic targeting, cell cytotoxicity, and protein delivery research. <i>Journal of Biomaterials Applications</i> , 2016, 31, 261-272.	2.4	18
30	Zinc oxide end-capped Fe ₃ O ₄ @mSiO ₂ core-shell nanocarriers as targeted and responsive drug delivery system for chemo-/ions synergistic therapeutics. <i>Drug Delivery</i> , 2019, 26, 732-743.	5.7	18
31	Core/Shell Structured Fe ₃ O ₄ @TiO ₂ -DNM Nanospheres as Multifunctional Anticancer Platform: Chemotherapy and Photodynamic Therapy Research. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 4445-4456.	0.9	17
32	Cationic pyridinium porphyrins appending different peripheral substituents: Spectroscopic studies on their interactions with bovine serum albumin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 88, 130-136.	3.9	15
33	A dual-targeted nucleic acid moiety decorated SPION nanoparticles for chemo-photodynamic synergistic therapy. <i>Journal of Luminescence</i> , 2019, 209, 387-397.	3.1	15
34	Mitochondria-targeted cyclometalated rhodium(λ) complexes: synthesis, characterization and anticancer research. <i>Dalton Transactions</i> , 2021, 50, 9068-9075.	3.3	15
35	Electronic and fluorescence spectral studies of a novel porphyrin-polypyridyl ruthenium(II) hybrid linked by a butyl chain. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 67, 391-394.	3.9	14
36	DNA binding and photocleavage properties of cationic porphyrin-polypyridyl ruthenium(II) hybrids. <i>Journal of Coordination Chemistry</i> , 2013, 66, 4220-4236.	2.2	13

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37	Shedding light on the interactions of guanine quadruplexes with tricationic metalloporphyrins. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 108, 1-7.	3.9	11
38	Shedding lights on the flexible-armed porphyrins: Human telomeric G4 DNA interaction and cell photocytotoxicity research. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 606-617.	3.8	11
39	Calcium carbonate end-capped, folate-mediated Fe ₃ O ₄ @mSiO ₂ core-shell nanocarriers as targeted controlled-release drug delivery system. <i>Journal of Biomaterials Applications</i> , 2018, 32, 1090-1104.	2.4	11
40	Synthesis and catalytic activities in cyclohexane hydroxylation of metalloporphyrins supported on styrene-methylacrylic acid copolymer microspheres. <i>Transition Metal Chemistry</i> , 2008, 33, 803-807.	1.4	10
41	Mitochondrial targeted rhodium(III) complexes: Synthesis, characterized and antitumor mechanism investigation. <i>Journal of Inorganic Biochemistry</i> , 2021, 218, 111400.	3.5	10
42	Metal complexes of porphyrin-anthraquinone hybrids: DNA binding and photocleavage specificities. <i>Journal of Coordination Chemistry</i> , 2011, 64, 1977-1990.	2.2	9
43	DNA-binding and photocleavage studies of metallofluorescein-porphyrin complexes of zinc(II) and copper(II). <i>Transition Metal Chemistry</i> , 2012, 37, 497-503.	1.4	8
44	Synthesis, DNA-Binding, and Photocleavage Properties of a Serious of Porphyrin-Daunomycin Hybrids. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2014, 33, 597-614.	1.1	8
45	Cationic porphyrin@SPION nanospheres as multifunctional anticancer therapeutics: magnetic targeting, photodynamic potential and bio-safety research. <i>RSC Advances</i> , 2016, 6, 103137-103148.	3.6	8
46	Inhibition of A β peptide aggregation by ruthenium(II) polypyridyl complexes through copper chelation. <i>Journal of Inorganic Biochemistry</i> , 2021, 224, 111591.	3.5	8
47	The photoinduced electron transference of porphyrin-anthraquinone dyads bridged with different lengths of links. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 437-442.	3.9	7
48	The Bio-Safety Concerns of Three Domestic Temporary Hair Dye Molecules: Fuchsin Basic, Victoria Blue B and Basic Red 2. <i>Molecules</i> , 2019, 24, 1744.	3.8	7
49	A novel porphyrin-polypyridyl ruthenium(II) hybrid. Synthesis, characterization and photoinduced DNA cleavage activity. <i>Transition Metal Chemistry</i> , 2006, 31, 1040-1044.	1.4	6
50	DNA interactions, photocleavage, and cytotoxicity of fluorescein-porphyrinatozinc complexes with different lengths of links. <i>Journal of Coordination Chemistry</i> , 2013, 66, 1574-1590.	2.2	6
51	VEGF aptamer/i-motif-based drug co-delivery system for combined chemotherapy and photodynamic therapy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 36, 102547.	2.6	4
52	Bi ₂ O ₃ gated Fe ₃ O ₄ @ZrO ₂ core/shell drug delivery system for chemo/ionic synergistic therapeutics. <i>Journal of Solid State Chemistry</i> , 2021, 303, 122489.	2.9	4
53	VEGF aptamer/i-motif-grafted multi-functional SPION nanocarrier for chemotherapeutic/phototherapeutic synergistic research. <i>Journal of Biomaterials Applications</i> , 2022, 36, 1277-1288.	2.4	2
54	ZnO QD covalently coated, GSH/pH dual-responsive drug delivery system for chemotherapeutic/ionic synergistic therapy. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102908.	3.0	2

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55	ATP aptamer/i-motif-grafted multi-functional SPION nanocarrier for chemotherapeutic/phototherapeutic synergistic research. Journal of Materials Research, 2022, 37, 2021-2032.	2.6	1
56	DNA Binding and Photocleavage Study of Cationic Metalloporphyrins by Spectral Methods. Spectroscopy Letters, 2011, 44, 211-220.	1.0	0
57	Adenosine triphosphate/pH dual-responsive controlled drug release system with high cancer/normal cell selectivity and low side toxicity. Journal of Biomaterials Applications, 2022, , 088532822210874.	2.4	0